

AMENDMENTS TO THE CLAIMS

Claim 1 (Currently Amended) A flexible foam expanding in a fire and based on styrene/butadiene, polyvinyl alcohol[[,]] ~~polyurethane~~ or neoprene, wherein said foam contains, as an intumescent component, a combination of phosphoric acid compound, polyalcohol and polyamide.

Claim 2 (Canceled)

Claim 3 (Currently Amended) The foam expanding in a fire and based on styrene/butadiene, polyvinyl alcohol[[,]] ~~polyurethane~~ or neoprene, as claimed in claim 1, wherein phosphoric ester polyols, ammonium polyphosphate, melamine phosphate, ethylenediamine phosphate, ammonium dihydrogen phosphate, aluminum orthophosphate, piperazine phosphate, guanidine phosphate or urea phosphate is or are used as the phosphoric acid compound.

Claim 4 (Canceled)

Claim 5 (Currently Amended) The flexible foam expanding in a fire and based on styrene/butadiene, polyvinyl alcohol[[,]] ~~polyurethane~~ or neoprene, as claimed in claim 1, wherein dipentaerythritol, polyethylene glycol, pentaerythritol or phosphoric ester-based polyols is or are used as the polyalcohols.

Claim 6 (Currently Amended) The flexible foam expanding in a fire and based on styrene/butadiene, polyvinyl alcohol[[,]] ~~polyurethane~~ or neoprene, as claimed in claim 1, wherein melamine, trishydrazinotriazine or dicyanodiamide is used as the polyamide.

Claim 7 (Currently Amended) The flexible foam expanding in a fire and based on styrene/butadiene, polyvinyl alcohol[[,]] ~~polyurethane~~ or neoprene, as claimed in claim 1,

wherein the phosphoric acid compound, the polyalcohol and melamine are each used in an amount of from 5 to 50% by weight, the sum of the amounts used being not more than 75% by weight.

Claim 8 (Currently Amended) The flexible foam expanding in a fire and based on styrene/butadiene, polyvinyl alcohol[[,]] ~~polyurethane~~ or neoprene, as claimed in claim 1, wherein said foam contains assistants and additives from the group consisting of emulsifiers, foam stabilizers, drying agents, colored pigments, catalysts and solvents.

Claim 9 (Currently Amended) The flexible foam expanding in a fire and based on styrene/butadiene, polyvinyl alcohol[[,]] ~~polyurethane~~ or neoprene, as claimed in claim 1, wherein the foam is applied from one-component spray cans, guns or cartridges.

Claim 10 (Canceled)

Claim 11 (Currently Amended) The flexible foam expanding in a fire and based on styrene/butadiene, polyvinyl alcohol[[,]] ~~polyurethane~~ or neoprene, as claimed in claim 9, wherein the foam is applied directly on site into the area to be sealed, where it foams to form a fire barrier.

Claim 12 (Currently Amended) The flexible foam expanding in a fire and based on styrene/butadiene, polyvinyl alcohol[[,]] ~~polyurethane~~ or neoprene, as claimed in claim 9, wherein the foam, after emerging from the spray cans, guns or cartridges used, has a density of from 25 to 550 g/l.

Claim 13 (Currently Amended) The flexible foam expanding in a fire and based on styrene/butadiene, polyvinyl alcohol[[,]] ~~polyurethane~~ or neoprene, as claimed in claim 1 wherein the expansion factor on foaming in a fire is from 1.5 to 15.

Claim 14 (Withdrawn/Currently Amended) A method of forming a hot gas seal or

heat-insulating soft barrier which comprises employing a flexible foam expanding in a fire and based on styrene/butadiene, polyvinyl alcohol[[,]] ~~polyurethane~~ or neoprene, as claimed in claim 1, therefor.

Claim 15 (Currently Amended) The flexible foam expanding in a fire and based on styrene/butadiene, polyvinyl alcohol[[,]] ~~polyurethane~~ or neoprene, as claimed in claim 10, wherein the foam is applied directly on site into the area to be sealed, where it foams to form a fire barrier.

Claim 16 (Currently Amended) The flexible foam expanding in a fire and based on styrene/butadiene, polyvinyl alcohol[[,]] ~~polyurethane~~ or neoprene, as claimed in claim 10, wherein the foam, after emerging from the spray cans, guns or cartridges used, has a density of from 25 to 550 g/l.